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Semestral Plan for Sec 4 Normal (Technical) Mathematics 2023

The document captures the curriculum and assessment plan for Sec 4 Normal (Technical) Mathematics for the year.

1   Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 2	Chapter 1: Fractional Equations
Term 1 Week 3 – 5	Chapter 2: Graph of Quadratic Equations
Term 1 Week 6	Chapter 3: Quadratic Equations
Term 1 Week 7	**Weighted Assessment 1 (WA1)**
Term 1 Week 7 – 9	Chapter 4: Trigonometry
Term 1 Week 10	WEALTH Week
11th to 19th March	**MARCH HOLIDAYS**
Term 2 Week 1 – 2	Revision: Problems in Real – World Context
Term 2 Week 3 – 10	Revision: Number and Algebra
Term 2 Week 5	**Weighted Assessment 2 (WA2) & Timed Practice**
27th May to 25th June	**JUNE HOLIDAYS**
Term 3 Week 1 – 3	Revision: Geometry and Measurement
Term 3 Week 4	Revision: Probability and Statistics
Term 3 Week 5 – 7	**Preliminary Examination**
Term 3 Week 8	Going through of exam papers
Term 3 Week 9 – 10	Revision: Geometry and Measurement
2nd to 10th September	**SEPTEMBER HOLIDAYS**
Term 4 Week 1	**N Level Examination**
Term 4 Week 2 – 3	Revision
Term 4 Week 4	**N Level Examination**

Syllabus for GCE N Level Mathematics Syllabus T (Subject code: 4046) can be retrieved from SEAB website: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4046_y23_sy.pdf

2 Assessment Plan

WA1: 15%
WA2: 15%
Preliminary Examination: 70%

Assessment Components	Tentative Date	Topics covered
WA1	Term 1 Week 7	• Sec 1 to 3 topics • Sec 4: Chapter 1 to 2
WA2	Term 2 Week 5	• Sec 1 to 4 topics
Preliminary Examination	Term 3 Week 5 – 7	• Sec 1 to 4 topics

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

Preliminary Examination Format

Paper	Weightage	Remarks
Paper 1	50%	• There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands • Number and Algebra • Geometry and Measurement • 1 hr 30 minutes • 50 marks • Answer on spaces provided
Paper 2	50%	• There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands • Number and Algebra • Statistics and Probability • 1 hr 30 minutes • 50 marks • Answer on spaces provided

3   Absence from Weighted Assessments

   a)   Medical certificates must be produced if student is absent for the weighted assessment.

   b)   Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.

   c)   Absence from any weighted assessment without a valid reason will result in zero mark for the assessment.

   d)   Do note that student will have to do a make-up weighted assessment on the day he/she returns to school.

With this information, we hope all students will be better prepared themselves for the academic demands in 2023.

Do feel free to contact the Mathematics teachers, Mr Daryl Chong or Mr Tan Tai Ngah should further clarification is needed on this matter.